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Persistent right intrahepatic umbilical vein is a normal anatomic variant, usually associated with good outcome.

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Magnetic Resonance Spectroscopy to Detect Lecithin in Amniotic Fluid and Fetal Lung 457

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Videoteleconferencing for Administration of a Multisite Obstetrics and Gynecology Core Clerkship 461

Videoteleconferencing to complete student evaluations in a multisite undergraduate core clerkship provides centralized administrative support, grading consistency, and timely feedback to coordinators and students.

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Influence of Human Immunodeficiency Virus Infection on Pelvic Inflammatory Disease 525

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Hideo Gotoh, Hideaki Masuzaki, Atsushi Yoshida, Shuichiro Yoshimura, Tsunetake Miyamura, & Tadayuki Ishimaru — **Predicting Incomplete Uterine Rupture With Vaginal Sonography During the Late Second Trimester in Women With Prior Cesarean** 596

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Computed Tomography in Endometrial Carcinoma 692

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John Elkas, Alicia Armstrong, Joseph Pohl, Frank Cuttitta, Alfredo Martínez, & Karen Gray

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The uterotropic effects of tamoxifen may be due in part to the induction of steroid receptors and growth regulatory genes.

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Women with bacterial vaginosis are at increased risk for urinary tract infections.

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D. B. Petitti, G. Piaggio, S. Mehta, M. C. Cravioto, & O. Meirik, for the WHO Study of Hormonal Contraception and Bone Health

Steroid Hormone Contraception and Bone Mineral Density: A Cross-Sectional Study in an International Population 736

This cross-sectional study suggests that hormonal contraceptive use in adult women is associated with small and reversible changes of bone mineral density.

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Gloria D. Coronado, Lynn M. Marshall, & Stephen M. Schwartz — **Complications in Pregnancy, Labor, and Delivery with Uterine Leiomyomas: A Population-Based Study** 764

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Evidence from the literature suggests an association between nausea and emesis in early pregnancy and enhanced placental and fetal growth.

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Vaginal hysterectomy is associated with improved medical outcomes when the indication for hysterectomy is confined to the uterus and uterine weight is less than 280 g.

Paul K. Tulikangas, Anne M. Weber, A. Brett Larive, & Mark D. Walters

Intraoperative Cystoscopy in Conjunction With Anti-Incontinence Surgery 794

Injury to the urinary tract during anti-incontinence surgery is infrequent.

Meghana Pandit, John O. L. DeLancey, James A. Ashton-Miller, Jyothsna Iyengar, Mila Blaivas, & Danielle Perucchini

Quantification of Intramuscular Nerves Within the Female Striated Urogenital Sphincter Muscle 797

Nerve density in the ventral striated urogenital sphincter declines with age, and fewer nerves correlated with fewer striated muscle cells while exhibiting a sevenfold variation in the number of nerves within the specimen sample.

David L. Williams, Charles Dietrich, & John McBroom

Endocervical Curettage When Colposcopic Examination Is Satisfactory and Normal 801

Endocervical curettage might be unnecessary in selected patients with a satisfactory and normal colposcopic examination.

Mariano Leal, Julian Díaz, Enrique Serrano, José Abellán, & Luis F. Carbonell

Hormone Replacement Therapy for Oxidative Stress in Postmenopausal Women With Hot Flushes 804

Hormone replacement therapy decreases the oxidative stress and the number of episodes of hot flushes in postmenopausal women.

Ioannis M. Matalliotakis, Maria A. Neonaki, Yvoni G. Koumantaki, Anastasia G. Goumenou, Despina S. Kyriakou, & Evgenios E. Koumantakis

A Randomized Comparison of Danazol and Leuprolide Acetate Suppression of Serum-Soluble CD23 Levels in Endometriosis 810

Danazol and leuprolide acetate depot given for 6 months to women with endometriosis suppress levels of soluble CD23.

Julie R. Palmer, Diane Anderson, Susan P. Helmrich, & Arthur L. Herbst

Risk Factors for Diethylstilbestrol-Associated Clear Cell Adenocarcinoma 814

Clear cell adenocarcinoma among women exposed in utero to diethylstilbestrol is not associated with pregnancy, oral contraceptive use, or season of birth.

Christine Bergeron, Dominique Jeannel, Jean-Dominique Poveda, Patricia Cassonnet, & Gérard Orth

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Combined repeat cytology and papillomavirus testing improves detection of cervical intraepithelial neoplasia in women with atypical squamous cells of undetermined significance, but at the expense of specificity.

Evangelos Paraskevaidis, Evangelos D. Lolis, George Koliopoulos, Yiannis Alamanos, Stylianos Fotiou, & Henry C. Kitchener

Cervical Intraepithelial Neoplasia Outcomes After Large Loop Excision With Clear Margins 828

Age over 40 years, glandular involvement, and satellite lesions are related to the reappearance of cervical intraepithelial neoplasia after loop excision and clear margins.

Anil K. Sood, Joel I. Sorosky, Nina Mayr, Barrie Anderson, Richard E. Buller, & Jennifer Niebyl

Cervical Cancer Diagnosed Shortly After Pregnancy: Prognostic Variables and Delivery Routes 832

Women diagnosed with cervical cancer postpartum have worse survival than those diagnosed during pregnancy.

Karen Houck, Najmosama Nikrui, Linda Duska, Yuchiao Chang, Arlan F. Fuller, Jr, Debra Bell, & Annekathryn Goodman

Borderline Tumors of the Ovary: Correlation of Frozen and Permanent Histopathologic Diagnosis 839

The diagnosis of borderline tumor by frozen section is generally accurate, but less so for mucinous tumors than serous tumors.

Joseph T. Santoso, Todd Canada, Bernadette Latson, Kalyani Alladi, Joseph A. Lucci, III, & Robert L. Coleman

Prognostic Nutritional Index in Relation to Hospital Stay in Women With Gynecologic Cancer 844

Malnutrition commonly found in gynecologic oncology patients correlates positively with length of hospital stay.

Neeraj Kohli, Padma K. Mallipeddi, Judy M. Neff, Eddie H. M. Sze, & Todd W. Roat

Routine Hematocrit After Elective Gynecologic Surgery 847

Routine postoperative measurement of hematocrit in asymptomatic women after elective gynecologic surgery is unnecessary.

Kiyoshi Uchide, Hirohisa Ueno, Masaki Inoue, Akemi Sakai, Noboru Fujimoto, & Yasunori Okada

Matrix Metalloproteinase-9 and Tensile Strength of Fetal Membranes in Uncomplicated Labor 851

Points of low tensile strength in human fetal membranes correspond to locations with enhanced matrix metalloproteinase-9 production relative to tissue inhibitor of metalloproteinase-1.

Patrick F. W. Chien, Philip Owen, & Khalid S. Khan

Validity of Ultrasound Estimation of Fetal Weight 856

Ultrasonic estimation of singleton fetal weight at term using the Aoki, Shepard, Campbell, and Hadlock formulas is valid.

Joanna Cain, Jane Lowell, Luanne Thorndyke, & A. Russell Localio

Contraceptive Requirements for Clinical Research 861

Contraception requirements for clinical trials are overused, leading to ethical problems as well as continued deficits in women's health research.

Tri Huu Nguyen, Torben Larsen, Gerda Engholm, & Henrik Møller

Increased Adverse Pregnancy Outcomes With Unreliable Last Menstruation 867

Unreliable last menstrual period is associated with increased risk of adverse pregnancy outcomes.

Paula Braveman, Kristen Marchi, Susan Egerter, Michelle Pearl, & John Neuhaus

Barriers to Timely Prenatal Care Among Women With Insurance: The Importance of Prepregnancy Factors 874

A large statewide representative California survey, designed to overcome methodologic limitations of prior studies, identified important barriers to prenatal care apart from insurance.

Corinne Liesnard, Catherine Donner, Françoise Brancart, Françoise Gosselin, Marie-Luce Delforge, & Frederic Rodesch

Prenatal Diagnosis of Congenital Cytomegalovirus Infection: Prospective Study of 237 Pregnancies at Risk 881

Congenital cytomegalovirus infection is best diagnosed prenatally with polymerase chain reaction analysis of amniotic fluid after 21 weeks' gestation.

Ray Bahado-Singh, Utku Oz, Shohreh Shahabi, Aziza Omrani, Maurice Mahoney, & Laurence Cole

Urine Hyperglycosylated hCG Plus Ultrasound Biometry for Detection of Down Syndrome in the Second Trimester in a High-Risk Population 889

Urine hyperglycosylated hCG combined with nuchal thickness and humeral length is highly sensitive and specific for Down syndrome prediction in the second trimester in a population at elevated risk.

Michael L. Power, Gerald B. Holzman, & Jay Schulkin

Knowledge and Clinical Practice Regarding Folic Acid Among Obstetrician-Gynecologists 895

Physicians are knowledgeable about folate and neural tube defects, but are less so about other aspects of folate metabolism and its relation to health.

Agustin Conde-Agudelo, Jose M. Belizán, & Gunilla Lindmark — **Maternal Morbidity and Mortality Associated With Multiple Gestations** 899

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Deborah A. Wing, Maureen R. Park, & Richard H. Paul — **A Randomized Comparison of Oral and Intravaginal Misoprostol for Labor Induction** 905

Oral misoprostol (100 μg) and vaginal misoprostol (25 μg) are similarly effective for cervical ripening and labor induction, but the former produces more uterine contractile abnormalities.

Sarah P. Mark, Mary S. Croughan-Minihane, & Sarah J. Kilpatrick — **Chorioamnionitis and Uterine Function** 909

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Thomas D. Shipp, Carolyn M. Zelop, John T. Repke, Amy Cohen, Aaron B. Caughey, & Ellice Lieberman — **Labor After Previous Cesarean: Influence of Prior Indication and Parity** 913

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Arthur S. Maslow & Amy L. Sweeny — **Elective Induction of Labor as a Risk Factor for Cesarean Delivery Among Low-Risk Women at Term** 917

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Geoffrey W. Cundiff, Alison C. Weidner, Anthony G. Visco, Richard C. Bump, & W. Allen Addison — **A Survey of Pessary Use by Members of the American Urogynecologic Society** 931

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